



CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS

BARLEY 2026

| VARIETY and plant height                | Ear glaucosity   | Ear density     | Ear pigment         | Rachilla hair type | Sterile spikelet attitude | Spicules on inner lateral nerves | Ventral furrow hair | First rachis segment                       | Collar                  | Aleurone colour               | Other features   |
|---|------------------|-----------------|---------------------|--------------------|---------------------------|----------------------------------|---------------------|--|-------------------------|-------------------------------|--|
| <b>SIX ROW VARIETIES</b>                |                  |                 |                     |                    |                           |                                  |                     |  |                         |                               |  |
| <b>BAZOOKA (HY)</b><br>(medium to long) | medium           | medium          | very weak to weak   | long               | n/a                       | strong                           | present             | length short to medium; curvature weak     | platform                | weak blue                     | Hybrid   |
| <b>BELFRY (HY)</b><br>(medium)          | weak to medium   | medium          | absent or very weak | long               | n/a                       | strong to very strong            | present             | short to medium; curvature weak            | platform to shallow cup | weak blue                     | Hybrid   |
| <b>BELMONT (HY)</b><br>(medium)         | medium           | medium          | mixed               | long               | n/a                       | strong to very strong            | present             | medium length; curvature weak              | platform to shallow cup | 50:50 blue, white segregation | Hybrid 50:50 segregation for pigment of lemma nerves and aleurone colour |
| <b>FUNKY</b><br>(short)                 | strong           | dense           | absent to very weak | long               | n/a                       | strong to very strong            | present             | short; curvature medium to strong          | decurrent to platform   | white                         | ventral furrow hair can be difficult to see                              |
| <b>INYS (HY)</b><br>(medium to long)    | weak to medium   | medium          | medium              | long               | n/a                       | strong to very strong            | present             | medium; curvature weak                     | no data                 | dark grey blue                |  |
| <b>INTEGRAL</b><br>(medium)             | strong           | medium to dense | weak to medium      | long               | n/a                       | strong to very strong            | present             | short; curvature very weak                 | no data                 | white                         |  |
| <b>KWS ASTAIRE</b><br>(medium)          | medium to strong | medium          | absent to very weak | long               | n/a                       | medium                           | absent              | medium to long; curvature medium to strong | no data                 | blue                          |  |



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| VARIETY and plant height                      | Ear glaucosity   | Ear density     | Ear pigment         | Rachilla hair type | Sterile spikelet attitude | Spicules on inner lateral nerves | Ventral furrow hair | First rachis segment                        | Collar                  | Aleurone colour               | Other features                               |
|---|------------------|-----------------|---------------------|--------------------|---------------------------|----------------------------------|---------------------|---|-------------------------|-------------------------------|--|
| <b>KWS BIRDIS</b><br>(medium)                 | strong           | medium to dense | very weak to weak   | long               | n/a                       | strong                           | present             | short to medium; curvature medium to strong | no data                 | white                         |  |
| <b>KWS FEERIS</b><br>(short to medium)        | strong           | dense           | weak                | long               | n/a                       | strong to very strong            | present             | short; curvature weak                       | decurrent to platform   | white                         |  |
| <b>KWS MERIDIAN</b><br>(medium to long)       | medium to strong | medium          | absent to very weak | long               | n/a                       | strong to very strong            | absent              | medium; curvature strong                    | platform                | white                         |  |
| <b>SIXY</b><br>(medium)                       | weak to medium   | medium to dense | medium              | long               | n/a                       | strong to very strong            | present             | medium; curvature weak to medium            | no data                 | white                         |  |
| <b>SY BARACOODA (HY)</b><br>(long)            | medium           | medium to dense | medium              | long               | n/a                       | strong to very strong            | present             | medium; curvature medium                    | decurrent               | 50:50 blue, white segregation | Hybrid                                       |
| <b>SY BUZZARD (HY)</b><br>(long to very long) | medium           | medium to dense | absent to very weak | long               | n/a                       | very strong                      | absent              | medium; curvature very weak                 | decurrent to platform   | white                         | Awn length equal to ear                      |
| <b>SY CANYON (HY)</b><br>(long)               | medium           | medium to dense | very weak to weak   | long               | n/a                       | strong to very strong            | present             | medium; curvature weak to medium            | platform to shallow cup | white                         | Hybrid                                       |
| <b>SY KINGSBARN (HY)</b><br>(medium to tall)  | medium           | medium to dense | weak                | long               | n/a                       | strong to very strong            | present             | medium; curvature medium                    | decurrent to platform   | 50:50 blue, white segregation | Hybrid                                       |
| <b>SY KINGSTON (HY)</b><br>(medium to long)   | weak to medium   | medium          | medium              | long               | n/a                       | strong to very strong            | present             | short; curvature weak to medium             | shallow cup             | white                         | Hybrid                                       |
| <b>SY NEPHIN (HY)</b><br>(long)               | medium           | dense           | absent to very weak | long               | n/a                       | strong to very strong            | present             | short to medium; curvature weak             | shallow cup             | blue                          | Awn length equal to slightly longer than ear |



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| VARIETY and plant height                       | Ear glaucosity | Ear density     | Ear pigment      | Rachilla hair type | Sterile spikelet attitude | Spicules on inner lateral nerves | Ventral furrow hair | First rachis segment                | Collar    | Aleurone colour | Other features |
|--|----------------|-----------------|------------------|--------------------|---------------------------|----------------------------------|---------------------|-------------------------------------|-----------|-----------------|----------------|
| <b>SY THUNDERBOLT (HY)</b><br>(medium to long) | medium         | medium          | medium to strong | long               | n/a                       | strong to very strong            | present             | medium;<br>curvature weak to medium | decurrent | white           | Hybrid         |
| <b>SY QUANTOCK (HY)</b><br>(long to very long) | medium         | medium to dense | medium           | long               | n/a                       | strong                           | present             | medium; curvature weak              | no data   | dark grey blue  | Hybrid         |



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| VARIETY and plant height               | Ear glaucosity   | Ear density     | Ear pigment         | Rachilla hair type | Sterile spikelet attitude | Spicules on inner lateral nerves | Ventral furrow hair | First rachis segment                         | Collar                  | Aleurone colour | Other features             |
|--|------------------|-----------------|---------------------|--------------------|---------------------------|----------------------------------|---------------------|--|-------------------------|-----------------|----------------------------|
| <b>TWO ROW WINTER VARIETIES</b>        |                  |                 |                     |                    |                           |                                  |                     |  |                         |                 |                            |
| <b>BOLIVIA</b><br>(short to medium)    | weak             | medium          | strong              | long               | deficiens                 | absent or very weak              | absent              | medium;<br>curvature weak to medium          | shallow cup             | white           |                            |
| <b>BOLTON</b><br>(very short)          | weak             | lax to medium   | absent to very weak | long               | deficiens                 | absent or very weak              | absent              | medium;<br>curvature strong                  | cup                     | white           |                            |
| <b>BORDEAUX</b><br>(medium)            | medium to strong | lax             | Strong              | long               | deficiens                 | absent or very weak              | present             | medium; curvature strong                     | cup                     | white           |                            |
| <b>BUCCANEER</b><br>(medium)           | weak to medium   | medium          | weak                | long               | deficiens                 | strong to very strong            | absent              | medium; curvature medium to strong           | decurrent to platform   | white           |                            |
| <b>CALIFORNIA</b><br>(short to medium) | medium           | medium          | absent to very weak | long               | deficiens                 | absent to very weak              | absent              | length long;<br>curvature medium             | cup                     | white           |                            |
| <b>CASSATA</b><br>(short to medium)    | medium           | medium to dense | weak                | long               | parallel                  | strong                           | absent              | short to medium;<br>curvature weak to medium | platform                | white           |                            |
| <b>CRAFT</b><br>(short)                | medium           | medium          | strong              | long               | deficiens                 | strong                           | absent              | medium; curvature strong                     | shallow cup             | white           |                            |
| <b>DARCIE</b> (short to medium)        | weak to medium   | lax to medium   | absent to very weak | long               | deficiens                 | absent to very weak              | absent              | long; medium to strong                       | shallow cup to cup      | white           | awn length short to medium |
| <b>ELECTRUM</b><br>(short to medium)   | medium           | medium          | weak to medium      | long               | deficiens                 | strong                           | absent              | length medium;<br>curvature medium to strong | platform to shallow cup | white           |                            |
| <b>FAY</b><br>(short)                  | medium to strong | lax to medium   | weak to medium      | long               | parallel                  | medium to strong                 | absent              | medium; curvature medium to strong           | shallow cup to cup      | white           |                            |
| <b>FLAGON</b><br>(medium to long)      | weak to medium   | lax to medium   | absent to very weak | long               | divergent                 | weak                             | absent              | medium; curvature medium                     | cup                     | white           |                            |



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| VARIETY and plant height                | Ear glaucosity    | Ear density     | Ear pigment         | Rachilla hair type | Sterile spikelet attitude | Spicules on inner lateral nerves | Ventral furrow hair | First rachis segment                       | Collar                  | Aleurone colour | Other features              |
|---|-------------------|-----------------|---------------------|--------------------|---------------------------|----------------------------------|---------------------|--|-------------------------|-----------------|-----------------------------|
| <b>INTEGRAL</b> (medium)                | strong            | medium to dense | weak to medium      | long               | deficiens                 | strong to very strong            | present             | short; curvature very weak                 | shallow cup to cup      | white           | Awn longer than ear         |
| <b>JORDAN</b> (short to medium)         | weak to medium    | very lax to lax | absent to very weak | long               | deficiens                 | weak to medium                   | absent              | medium to long; curvature strong           | shallow cup             | white           |                             |
| <b>KITTY</b> (medium)                   | very weak to weak | medium          | absent or very weak | long               | deficiens                 | absent or very weak              | present             | medium; curvature weak to medium           | no data                 | white           |                             |
| <b>KWS CASSIA</b> (short to medium)     | weak to medium    | lax             | absent to very weak | long               | deficiens                 | absent to very weak              | present             | length short; curvature weak to medium     | platform to shallow cup | blue            | Short rachilla length       |
| <b>KWS CRESWELL</b> (short)             | weak              | lax             | absent to very weak | long               | deficiens                 | weak to medium                   | absent              | medium to long; curvature strong           | cup                     | white           |                             |
| <b>KWS GIMLET</b> (medium)              | weak to medium    | very lax to lax | absent to very weak | long               | deficiens                 | very weak to weak                | absent              | long; curvature strong                     | shallow cup             | white           |                             |
| <b>KWS GLACIER</b> (short to medium)    | medium to strong  | lax             | absent to very weak | long               | deficiens                 | absent to very weak              | present             | length medium; curvature medium            | platform to shallow cup | blue            |                             |
| <b>KWS HAWKING</b> (short to medium)    | weak to medium    | lax             | very weak to weak   | long               | deficiens                 | very weak to weak                | absent              | medium to long; curvature medium to strong | shallow cup to cup      | white           |                             |
| <b>KWS HERACLIS</b> (medium)            | weak              | lax to medium   | absent or very weak | short              | deficiens                 | weak                             | present             | medium to long; curvature medium to strong | no data                 | white           |                             |
| <b>KWS INFINITY</b> (short to medium)   | weak to medium    | very lax to lax | absent to very weak | long               | deficiens                 | very weak to weak                | absent              | medium; curvature medium                   | cup                     | white           |                             |
| <b>KWS ORWELL</b> (very short to short) | weak              | lax             | absent or very weak | long               | deficiens                 | absent to very weak              | absent              | long; curvature medium                     | shallow cup to cup      | white           | Awn length shorter than ear |



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|--|------------------|-----------------|---------------------|--------------------|---------------------------|----------------------------------|---------------------|---|--------------------|-----------------|--|
| <b>KWS PATRIOT</b><br>(short to medium)  | medium           | medium          | very weak to weak   | long               | deficiens                 | very weak to weak                | absent              | medium; curvature medium to strong              | shallow cup        | white           |  |
| <b>KWS TARDIS</b><br>(no height data)    | medium           | lax to medium   | absent to very weak | short              | deficiens                 | strong to very strong            | present             | medium; curvature medium to strong              | decurrent          | white           |  |
| <b>KWS TOWER</b><br>(short to medium)    | weak             | lax             | absent to very weak | long               | deficiens                 | weak to medium                   | absent              | long; curvature strong                          | shallow cup to cup | white           | Palea apex clearly notched                 |
| <b>KWS VALENCIS</b><br>(medium to long)  | weak             | medium          | absent or very weak | short              | deficiens                 | weak                             | absent              | long to very long; curvature weak to medium     | no data            | white           |  |
| <b>LG CAPITOL</b><br>(short to medium)   | medium           | medium to dense | absent to very weak | long               | deficiens                 | very weak to weak                | present             | medium; curvature medium                        | shallow cup        | white           | Awn length short to medium compared to ear |
| <b>LG CARAVELLE</b><br>(short to medium) | medium to strong | medium to dense | absent to very weak | long               | deficiens                 | absent to very weak              | present             | short to medium; curvature weak to medium       | shallow cup        | white           |  |
| <b>LG CARPENTER</b><br>(medium)          | weak to medium   | medium          | absent or very weak | long               | deficiens                 | very weak to weak                | absent              | long to very long; curvature weak to medium     | no data            | white           |  |
| <b>LG CATAPULT</b><br>(short to medium)  | medium to strong | medium          | absent or very weak | long               | deficiens                 | absent or very weak              | absent              | medium to long; curvature medium                | no data            | dark grey blue  |  |
| <b>LG DAZZLE</b><br>(short)              | medium           | lax             | absent to very weak | long               | deficiens                 | absent or very weak              | absent              | medium to long; curvature strong to very strong | shallow cup to cup | blue            | Awn length shorter than ear                |



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|---------------------------------------|----------------|-----------------|-----------------------|--------------------|---------------------------|----------------------------------|---------------------|---|-------------------------|-----------------|-----------------------------|
| <b>LG FLYNN</b><br>(short to medium)  | weak to medium | lax             | medium to strong      | long               | deficiens                 | medium                           | absent              | medium to long; curvature medium to strong  | platform                | white           |                             |
| <b>LG MOUNTAIN</b><br>(short)         | medium         | medium          | absent to very weak   | long               | deficiens                 | very weak to weak                | present             | medium; curvature medium to strong          | decurrent to platform   | blue            |                             |
| <b>LIGHTNING</b><br>(short to medium) | weak to medium | very lax to lax | absent to very weak   | long               | deficiens                 | very weak to weak                | absent              | medium; curvature strong                    | platform to shallow cup | white           | Awn length shorter than ear |
| <b>MACKIE</b><br>(short to medium)    | weak           | lax to medium   | absent to very weak   | long               | deficiens                 | weak to medium                   | absent              | medium to long; curvature strong            | shallow cup             | white           |                             |
| <b>MARIS OTTER</b><br>(short)         | medium         | medium          | medium                | long               | divergent                 | absent to very weak              | absent              | medium to long; weak to medium              | shallow cup             | white           |                             |
| <b>NOS OLENA</b> (medium)             | weak           | medium          | medium to strong      | long               | deficiens                 | absent or very weak              | present             | long; curvature medium to strong            | shallow cup             | white           | Awn length equal to ear     |
| <b>ORGANA</b> (long)                  | weak to medium | medium          | absent to very weak   | long               | deficiens                 | absent to very weak              | absent              | medium to long; medium curve                | platform to shallow cup | white           | Awn length equal to ear     |
| <b>PEARL</b><br>(medium to long)      | strong         | medium          | very weak to weak     | long               | divergent                 | medium                           | absent              | medium; curvature medium                    | shallow cup to cup      | blue            |                             |
| <b>ROSEMARY</b><br>(medium)           | weak           | medium          | absent or very weak   | long               | deficiens                 | medium to strong                 | absent              | medium to long; curvature medium to strong  | no data                 | white           |                             |
| <b>RUSSO</b><br>(medium)              | weak           | lax             | strong to very strong | long               | deficiens                 | absent or very weak              | present             | medium; curvature medium                    | no data                 | white           |                             |
| <b>SOBELL</b><br>(no data)            | medium         | lax to medium   | absent to very weak   | long               | deficiens                 | absent to very weak              | absent              | short to medium; curvature medium to strong | no data                 | white           |                             |



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|---------------------------------------|-------------------|-----------------|---------------------|--------------------|---------------------------|----------------------------------|---------------------|--|-------------------------|-----------------|---|
| <b>SU ARION</b><br>(medium to long)   | very weak to weak | medium          | strong              | long               | deficiens                 | very weak to weak                | absent              | medium; curvature medium to strong         | no data                 | white           |   |
| <b>SURGE</b><br>(very short to short) | weak              | lax             | absent or very weak | long               | deficiens                 | very weak to weak                | absent              | medium; curvature strong                   | platform                | weak blue       |   |
| <b>SY VENTURE</b><br>(short)          | medium            | medium          | very strong         | long               | deficiens                 | strong                           | absent              | length medium; curvature medium to strong  | shallow cup             | white           | 'Bent back' first rachis                                |
| <b>TALISMAN</b><br>(short to medium)  | weak to medium    | lax             | strong              | long               | deficiens                 | weak                             | absent              | medium to long; curvature medium to strong | no data                 | white           | Awns shorter than ear                                   |
| <b>VALERIE</b><br>(short to medium)   | medium            | medium          | absent to very weak | long               | parallel                  | absent or very weak              | absent              | medium; curvature medium to strong         | platform to shallow cup | white           | Sterile spikelets can look parallel to weakly divergent |
| <b>ZOPHIA</b><br>(no data)            | medium to strong  | medium to dense | medium              | long               | no data                   | strong                           | absent              | medium; curvature medium                   | shallow cup             | white           |   |



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|---|------------------|-----------------|-------------------|--------------------|---------------------------|----------------------------------|---------------------|--|-------------------------|-----------------|--|
| <b>TWO ROW SPRING VARIETIES</b>         |                  |                 |                   |                    |                           |                                  |                     |  |                         |                 |  |
| <b>BELTER</b><br>(short to medium)      | medium to strong | medium          | medium to strong  | short              | deficiens                 | absent to very weak              | absent              | medium to long; curvature very weak        | platform to shallow cup | white           | Awns longer than ear                       |
| <b>BOUNTY</b><br>(medium)               | medium to strong | lax to medium   | medium to strong  | short              | deficiens                 | absent to very weak              | absent              | medium to long; curvature very weak        | platform                | white           | Awn length equal to or longer than the ear |
| <b>CADIZ</b><br>(long)                  | medium to strong | lax to medium   | medium            | short              | deficiens                 | absent or very weak              | absent              | medium to long; curvature weak             | platform to shallow cup | white           |  |
| <b>CB SCORE</b><br>(medium to long)     | medium           | lax             | strong            | short              | deficiens                 | absent to very weak              | absent              | medium; curvature very weak                | platform to shallow cup | white           |  |
| <b>CONCERTO</b><br>(short)              | medium           | medium          | very weak to weak | short              | divergent                 | very weak to weak                | absent              | length medium; curvature medium            | platform to shallow cup | weak blue       |  |
| <b>COSMOPOLITAN</b><br>(no height data) | medium to strong | medium          | medium to strong  | long               | deficiens                 | absent to very weak              | absent              | short to medium; curvature medium          | cup collar              | white           |  |
| <b>DIVINER</b><br>(short to medium)     | medium to strong | medium to dense | medium            | short              | deficiens                 | absent to very weak              | absent              | short to medium; curvature weak            | platform to shallow cup | white           |  |
| <b>FAIRING</b><br>(short)               | medium           | lax             | medium to strong  | long               | divergent                 | absent to very weak              | absent              | medium to long; curvature medium to strong | platform                | white           |  |
| <b>FAIRWAY</b><br>(medium)              | medium to strong | lax to medium   | strong            | short              | deficiens                 | absent or very weak              | absent              | medium; curvature medium                   | shallow cup             | white           |  |
| <b>FIRECRACKER</b><br>(short to medium) | strong           | medium to dense | strong            | short              | deficiens                 | absent to very weak              | absent              | short to medium; curvature weak to medium  | no data                 | white           |  |



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|--|------------------|-----------------|-------------------|--------------------|---------------------------|----------------------------------|---------------------|---|-------------------------|-----------------|----------------------|
| <b>FIREFOXX</b><br>(medium to long)      | medium to strong | very lax to lax | weak to medium    | short              | deficiens                 | absent or very weak              | absent              | long; curvature medium to strong            | platform to shallow cup | white           |                      |
| <b>FLORENCE</b><br>(very short to short) | strong           | medium          | medium            | short              | deficiens                 | absent to very weak              | absent              | short to medium; very weak                  | platform                | white           |                      |
| <b>GOLDEN PROMISE</b><br>(medium)        | strong           | lax to medium   | weak to medium    | long               | divergent                 | absent to very weak              | absent              | medium to long; curvature very weak         | platform to shallow cup | white           | Has bib lodicules    |
| <b>HACKER</b><br>(short to medium)       | medium           | medium          | medium            | short              | divergent                 | absent to very weak              | absent              | short to medium; curvature weak to medium   | cup collar              | white           |                      |
| <b>HURLER</b><br>(short to medium)       | medium           | medium          | medium            | short              | deficiens                 | absent to very weak              | absent              | medium; curvature weak                      | platform to shallow cup | white           |                      |
| <b>ICONIC</b><br>(long)                  | medium to strong | lax to medium   | weak to medium    | short              | deficiens                 | absent or very weak              | absent              | short to medium; curvature medium to strong | platform                | white           |                      |
| <b>JENSEN</b><br>(short to medium)       | medium           | medium to dense | medium            | short              | deficiens                 | absent or very weak              | absent              | long; curvature very weak                   | platform to shallow cup | white           |                      |
| <b>KWS CURTIS</b><br>(medium)            | medium to strong | medium to dense | very weak to weak | short              | deficiens                 | absent or very weak              | absent              | medium; curvature weak                      | platform to shallow cup | white           |                      |
| <b>KWS ENDURIS</b><br>(medium)           | strong           | medium          | medium to strong  | short              | deficiens                 | absent or very weak              | absent              | short to medium; curvature very weak        | no data                 | white           |                      |
| <b>KWS SASSY</b><br>(short to medium)    | medium to strong | medium          | very weak to weak | long               | divergent                 | absent to very weak              | absent              | short to medium; curvature weak             | platform to shallow cup | white           |                      |
| <b>LAUREATE</b><br>(short)               | medium to strong | medium          | medium            | short              | deficiens                 | absent to very weak              | absent              | medium to long; curvature medium            | platform to shallow cup | white           | Long rachilla length |
| <b>LG AQUARIUS</b><br>(short to medium)  | medium to strong | medium          | strong            | short              | deficiens                 | absent or very weak              | absent              | medium; curvature very weak                 | platform to shallow cup | white           | Awns longer than ear |



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|--|------------------|-----------------|------------------|--------------------|---------------------------|----------------------------------|---------------------|--|-------------------------|-----------------|--------------------------------------|
| <b>LG DIABLO</b><br>(medium)               | medium to strong | lax to medium   | weak to medium   | short              | deficiens                 | absent to very weak              | absent              | medium; curvature weak to medium         | platform to shallow cup | white           |                                      |
| <b>LG INTERCEPTOR</b><br>(short to medium) | medium to strong | lax to medium   | medium to strong | short              | deficiens                 | absent or very weak              | absent              | medium to long; curvature very weak      | no data                 | white           |                                      |
| <b>MALVERN</b><br>(medium)                 | medium           | medium          | weak to medium   | long               | deficiens                 | absent or very weak              | absent              | medium; curvature weak                   | shallow cup             | white           |                                      |
| <b>NOLAN</b> (medium)                      | strong           | medium          | medium to strong | short              | deficiens                 | absent to very weak              | absent              | medium to long; weak to medium curve     | platform to shallow cup | white           | Awns longer than ear                 |
| <b>NOS GAMBIT</b><br>(medium)              | medium           | medium          | medium           | long               | deficiens                 | absent to very weak              | absent              | medium to long; curvature very weak      | platform to shallow cup | white           | Awns equal to or longer than the ear |
| <b>NOS MUNRO</b><br>(short to medium)      | medium to strong | medium to dense | medium           | short              | deficiens                 | absent to very weak              | absent              | medium; curvature very weak              | platform to shallow cup | white           | Awns equal to or longer than the ear |
| <b>OLSEN</b><br>(short to medium)          | medium to strong | medium          | medium to strong | short              | deficiens                 | absent to very weak              | absent              | medium to long; curvature weak to medium | platform to shallow cup | white           | Awns equal to or longer than the ear |
| <b>PROPINO</b><br>(medium)                 | weak to medium   | medium          | medium           | short              | divergent                 | absent to very weak              | absent              | length short to medium; curvature weak   | platform                | white           |                                      |
| <b>PROSPECT</b><br>(medium)                | strong           | medium          | medium           | short              | deficiens                 | absent or very weak              | absent              | short; curvature weak to medium          | platform                | white           |                                      |
| <b>PTARMIGAN</b><br>(short to medium)      | medium           | lax to medium   | strong           | short              | deficiens                 | absent or very weak              | absent              | medium; curvature weak                   | no data                 | white           |                                      |



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| VARIETY and plant height                | Ear glaucosity   | Ear density     | Ear pigment      | Rachilla hair type | Sterile spikelet attitude | Spicules on inner lateral nerves | Ventral furrow hair | First rachis segment                   | Collar                  | Aleurone colour | Other features      |
|---|------------------|-----------------|------------------|--------------------|---------------------------|----------------------------------|---------------------|--|-------------------------|-----------------|---------------------|
| <b>RGT ASTEROID</b><br>(medium to long) | medium to strong | lax to medium   | medium to strong | short              | deficiens                 | absent to very weak              | absent              | length medium to long; curvature weak  | platform to shallow cup | white           |                     |
| <b>RGT PLANET</b><br>(medium)           | medium to strong | lax to medium   | strong           | short              | deficiens                 | absent to very weak              | absent              | length short to medium; curvature weak | platform                | white           |                     |
| <b>ROULETTE</b> (medium)                | medium to strong | medium          | strong           | short              | deficiens                 | absent to very weak              | absent              | short to medium; curvature very weak   | platform to shallow cup | white           | Awn longer than ear |
| <b>SHONA</b> (medium)                   | medium to strong | medium          | medium to strong | short              | deficiens                 | absent to very weak              | absent              | medium; curvature weak                 | shallow cup             | white           | Awn length long     |
| <b>SIENNA</b><br>(short to medium)      | medium           | medium          | weak             | short              | divergent                 | absent to very weak              | absent              | length medium; curvature weak          | platform to shallow cup | white           |                     |
| <b>SKYWAY</b><br>(medium to long)       | medium to strong | lax             | weak to medium   | short              | deficiens                 | absent or very weak              | absent              | medium; curvature medium               | decurrent               | white           |                     |
| <b>SPINNER</b><br>(medium)              | medium           | medium to dense | strong           | short              | deficiens                 | absent or very weak              | absent              | medium; curvature medium to strong     | platform to shallow cup | white           |                     |
| <b>SUN KING</b><br>(medium)             | medium to strong | medium to dense | medium to strong | short              | deficiens                 | absent or very weak              | absent              | short to medium; curvature very weak   | platform                | white           |                     |
| <b>SY ARROW</b><br>(medium to long)     | strong           | lax             | medium           | short              | deficiens                 | absent or very weak              | absent              | medium to long; curvature very weak    | no data                 | white           |                     |
| <b>SY SIGNET</b><br>(short to medium)   | medium to strong | medium          | medium           | short              | deficiens                 | absent or very weak              | absent              | medium to long; curvature weak         | platform to shallow cup | white           |                     |
| <b>SY SPLENDOR</b><br>(medium)          | medium to strong | lax             | medium           | short              | deficiens                 | absent or very weak              | absent              | medium to long; curvature medium       | platform to shallow cup | white           |                     |



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| VARIETY and plant height                | Ear glaucosity   | Ear density     | Ear pigment | Rachilla hair type | Sterile spikelet attitude | Spicules on inner lateral nerves | Ventral furrow hair | First rachis segment             | Collar                  | Aleurone colour | Other features             |
|---|------------------|-----------------|-------------|--------------------|---------------------------|----------------------------------|---------------------|----------------------------------|-------------------------|-----------------|----------------------------|
| <b>SY TENNYSON</b><br>(short to medium) | medium to strong | medium          | medium      | short              | deficiens                 | absent or very weak              | absent              | medium; curvature weak           | platform                | white           | Awn length longer than ear |
| <b>SY TUNGSTEN</b><br>(medium)          | strong           | very lax to lax | medium      | long               | deficiens                 | absent or very weak              | absent              | medium to long; curvature medium | platform                | white           |                            |
| <b>TRAILBLAZER</b> (short to medium)    | medium to strong | lax to medium   | strong      | short              | deficiens                 | absent or very weak              | absent              | short to medium; curvature weak  | platform to shallow cup | white           | Awn length medium to long  |