

NIAB COPYRIGHT CEREAL CROP INSPECTORS GUIDE TO BARLEY FIELD CHARACTERS 2021

Rachilla Sterile Collar VARIETY and plant Ear Ear Ear Ventral Spicules on First rachis Aleurone Other height density glaucosity pigment hair type spikelet furrow hair inner lateral segment colour features attitude nerves SIX ROW VARIETIES length short to BAZOOKA very weak medium; (medium to long) PRESENT medium medium to weak platform weak blue Hybrid long n/a strong curvature weak BELFRY weak to absent or strong to very short to medium: platform to weakly PRESENT (medium) medium very weak n/a coloured Hvbrid medium long strong curvature weak shallow cup Hybrid 50:50 segregation for pigment of 50:50 blue, lemma nerves BELMONT medium length; platform to white and aleurone strong to very PRESENT mixed (medium) medium medium long n/a strong curvature weak shallow cup seggregation colour short: ventral furrow FUNKY curvature medium hair can be absent to strong to very decurrent to PRESENT difficult to see (short) dense very weak long n/a strong to strong platform white strong medium to long; Not KWS ASTAIRE medium to absent to curvature medium (medium) medium strong very weak long n/a ABSENT medium to strong no data blue recommended 50:50 blue, medium; white LIBRA weak to curvature weak to decurrent to (medium to long) medium medium medium long n/a PRESENT strong medium platform seggregation Hybrid 50:50 blue, white SY BARACOODA medium to strong to very medium; PRESENT (long) dense medium Hybrid medium long n/a strong curvature medium decurrent seggregation



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| VARIETY and plant | Ear | Ear | Ear | Rachilla | Sterile | Ventral | Spicules on | First rachis | Collar | Aleurone | Other |
|-------------------|-----------|------------|-----------|-----------|----------|-------------|----------------|-------------------|--------------|--------------|----------|
| height | density | glaucosity | pigment | hair type | spikelet | furrow hair | inner lateral | segment | | colour | features |
| | | | | | attitude | | nerves | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | 50:50 blue, | |
| SY KINGSBARN | medium to | | | | | | strong to very | medium; | decurrent to | white | |
| (medium to tall) | dense | medium | weak | long | n/a | PRESENT | strong | curvature medium | platform | seggregation | Hybrid |
| | | | | | | | | short; | | | |
| | | | | | | | strong to very | curvature weak to | | | |
| SY KINGSTON | medium | n/a | medium | LONG | n/a | PRESENT | strong | medium | shallow cup | white | Hybrid |
| | | | | | | | | medium; | | | |
| | | | medium to | | | | strong to very | curvature weak to | | | |
| SY THUNDERBOLT | medium | n/a | strong | LONG | n/a | PRESENT | strong | medium | n/a | white | Hybrid |

TWO ROW VARIETIES (Winter)

| BOLTON | lax to | | absent to | | | | absent or very | medium; | | | |
|-------------------|--------|-----------|-----------|-------|-----------|---------|----------------|-------------------|-------------|-----------|-------------|
| (very short) | medium | no data | very weak | long | DEFICIENS | ABSENT | weak | curvature strong | no data | white | |
| BORDEAUX | | medium to | | | | | absent or very | medium; curvature | | | |
| (medium) | lax | strong | Strong | long | DEFICIENS | PRESENT | weak | strong | no data | white | |
| CADIZ (S) | lax to | medium to | | | | | absent or very | medium to long; | platform to | | |
| (long) | medium | strong | medium | SHORT | DEFICIENS | ABSENT | weak | curvature weak | shallow cup | white | |
| CALIFORNIA | | | absent to | | | | absent to very | length long; | | | Palea apex |
| (short to medium) | medium | medium | very weak | long | DEFICIENS | ABSENT | weak | curvature medium | cup | white | square |
| CONCERTO (S) | | | very weak | | | | very weak to | length medium; | platform to | | Not |
| (short) | medium | medium | to weak | SHORT | divergent | ABSENT | weak | curvature medium | shallow cup | weak blue | recommended |
| COSMOPOLITAN(S) | | medium to | medium to | | | | absent to very | short to medium; | | | |
| (no height data) | medium | strong | strong | long | DEFICIENS | ABSENT | weak | curvature medium | cup collar | white | |
| CRAFT | | | | | | | | medium; | | | |
| (short) | medium | medium | strong | long | DEFICIENS | ABSENT | strong | curvature strong | shallow cup | white | |
| | | | | | | | | length medium; | | | |
| ELECTRUM | | | weak to | | | | | curvatrue medium | platform to | | |
| (short to medium) | medium | medium | medium | long | DEFICIENS | ABSENT | strong | to strong | shallow cup | white | |



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VARIETY and plant Ear Ear Ear Rachilla Sterile Ventral Spicules on First rachis Collar Aleurone Other height density glaucosity pigment hair type spikelet furrow hair inner lateral segment colour features attitude nerves medium to long; FAIRING **(S)** curvature medium medium to absent to very (short) lax medium strong long divergent ABSENT weak to strong platform white FAIRWAY **(S)** lax to medium to absent or very medium; SHORT (medium) medium strong DEFICIENS ABSENT curvature medium shallow cup white strong weak medium: FAY Not lax to medium to weak to medium to curvature medium shallow cup to recommended (short) medium medium parallel ABSENT white strong long strong to strong cup long; FIREFOXX medium to curvature medium **(S)** very lax to weak to absent or very platform to SHORT DEFICIENS ABSENT medium shallow cup white (medium to long) lax strong weak to strong short to medium; Not HACKER (S) absent to very curvature weak to SHORT divergent ABSENT recommended (short to medium) medium medium medium weak medium cup collar white short to medium: ICONIC (S) lax to medium to weak to absent or very curvature medium SHORT (long) medium strong medium DEFICIENS ABSENT weak to strong platform white JORDAN (short very lax to weak to absent to weak to medium to long; to medium) lax medium very weak long DEFICIENS ABSENT medium curvature strong shallow cup white length short; KWS CASSIA weak to absent to absent to very curvature weak to platform to short rachilla PRESENT (short to medium) lax medium very weak long DEFICIENS weak medium shallow cup blue length KWS CRESWELL absent to weak to medium to long; (short) weak very weak long DEFICIENS ABSENT medium curvature strong cup white lax KWS GIMLET very lax to weak to absent to very weak to long; (medium) medium DEFICIENS ABSENT shallow cup white lax very weak long weak curvature strong KWS GLACIER medium to absent to absent to very length medium; platform to Not (short to medium) lax PRESENT strong very weak long DEFICIENS weak curvature medium shallow cup blue recommended



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| VARIETY and plant | Ear | Ear | Ear | Rachilla | Sterile | Ventral | Spicules on | First rachis | Collar | Aleurone | Other |
|-----------------------|-------------|------------|-------------|-----------|-----------|-------------|----------------|-------------------|-------------|-----------|------------------|
| height | density | glaucosity | pigment | hair type | spikelet | furrow hair | inner lateral | segment | | colour | features |
| | _ | | | | attitude | | nerves | _ | | | |
| | | | | | | | | length short to | | | |
| PROPINO (S) | | weak to | | | | | absent to very | medium; | | | |
| (medium) | medium | medium | medium | SHORT | divergent | ABSENT | weak | curvature weak | platform | white | |
| | | | | | | | | short; | | | |
| PROSPECT (S) | | | | | | | absent or very | curvature weak to | | | |
| (medium) | medium | strong | medium | SHORT | DEFICIENS | ABSENT | weak | medium | platform | white | |
| | | | | | | | | length medium to | | | |
| RGT ASTEROID (S) | lax to | medium to | medium to | | | | absent to very | long; curvature | platform to | | Not |
| (medium to long) | medium | strong | strong | SHORT | DEFICIENS | ABSENT | weak | weak | shallow cup | white | recommended |
| | | | | | | | | length short to | | | |
| RGT PLANET (S) | lax to | medium to | | | | | absent to very | medium; | | | Bent back' first |
| (medium) | medium | strong | strong | SHORT | DEFICIENS | ABSENT | weak | curvature weak | no data | white | rachis |
| SIENNA (S) | | | | | | | absent to very | length medium; | platform to | | |
| (short to medium) | medium | medium | weak | SHORT | divergent | ABSENT | weak | curvature weak | shallow cup | white | |
| SKYWAY (S) | | medium to | weak to | | | | absent or very | medium; | | | |
| (no height data) | lax | strong | medium | SHORT | DEFICIENS | ABSENT | weak | curvature medium | no data | white | |
| SURGE | | | absent or | | | | very weak to | medium; | | | Palea apex |
| (very short to short) | lax | weak | very weak | long | DEFICIENS | ABSENT | weak | curvature strong | platform | weak blue | pointed |
| SY SPLENDOR (S) | | medium to | | | | | absent or very | medium to long; | platform to | | |
| (medium) | lax | strong | medium | SHORT | DEFICIENS | ABSENT | weak | curvature medium | shallow cup | white | |
| SY TUNGSTEN (S) | very lax to | | | | | | absent or very | medium to long; | | | |
| (medium) | lax | strong | medium | long | DEFICIENS | ABSENT | weak | curvature medium | platform | white | |
| | | | | | | | | | | | |
| | | | | | | | | length medium; | | | Bent back' first |
| SY VENTURE | | | | | | | | curvature medium | | | rachis. Not |
| (short) | medium | medium | very strong | long | DEFICIENS | ABSENT | strong | to strong | shallow cup | white | recommended |



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| | CEREAE CROT INSTECTORS SUIDE TO DARLET FIELD CHARACTERS 2021 | | | | | | | | | | | |
|-------------------|--|------------|-----------|-----------|----------|-------------|----------------|------------------|-------------|----------|------------------|--|
| VARIETY and plant | Ear | Ear | Ear | Rachilla | Sterile | Ventral | Spicules on | First rachis | Collar | Aleurone | Other | |
| height | density | glaucosity | pigment | hair type | spikelet | furrow hair | inner lateral | segment | | colour | features | |
| | | | | | attitude | | nerves | | | | | |
| | | | | | | | | | | | Sterile | |
| | | | | | | | | | | | spikelets can | |
| | | | | | | | | medium; | | | look parallel to | |
| VALERIE | | | absent to | | | | absent or very | curvature medium | platform to | | weakly | |
| (short to medium) | medium | medium | very weak | long | parallel | ABSENT | weak | to strong | shallow cup | whitish | divergent | |

(S) Spring