In-Season Cover Crop Establishment into Corn Grain or Silage in Southern Wisconsin

- Species are often planted in a mix; adjust seeding rates accordingly
- Check herbicide program before interseeding into corn; residual herbicides can injure cover crops
- Aerial or other broadcast seeding is an option for earlier establishment into standing corn with some risk; corn should be senesced from the ground to the ear with harvest planned within two weeks; dry conditions after seeding, presence of slugs and sandy soils will limit success
- Broadcast and overseeding is often more successful in finer textured soils and when timed with an upcoming rainfall event

<table>
<thead>
<tr>
<th>INTERSEEDING (EARLY SEASON)</th>
<th>OR</th>
<th>OVERSEEDING (LATE SEASON)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn growth stage: V3 - V8</td>
<td></td>
<td>Corn growth stage: R5 - harvest maturity (grain)</td>
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<tr>
<td>DRILL(^1)</td>
<td></td>
<td>AERIAL OR HIGH CLEARANCE(^2)</td>
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<tr>
<td>red clover 6-12 lb/A</td>
<td></td>
<td>GRAIN 50% dry down, R7 growth stage</td>
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<tr>
<td>winter rye 40-60 lb/A</td>
<td></td>
<td>winter rye 60-90 lb/A</td>
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<tr>
<td>radish in a mix 1-3 lb/A</td>
<td></td>
<td>winter rye 60-90 lb/A</td>
</tr>
<tr>
<td>annual ryegrass 20-40 lb/A</td>
<td></td>
<td>winter rye 60-90 lb/A</td>
</tr>
<tr>
<td>red clover 6-12 lb/A</td>
<td></td>
<td>spring barley 60-90 lb/A</td>
</tr>
<tr>
<td>winter rye 40-60 lb/A</td>
<td></td>
<td>oats 36-72 lb/A</td>
</tr>
</tbody>
</table>

1 Drills can be modified for interseeding into standing corn crop
Watch our video at https://youtu.be/gMKx2NeBmT4
2 Aerial application with airplane or high clearance equipment for broadcasting seed
3 Brassica species should be planted as a small percentage of a mix, as they provide little biomass and decompose quickly

\(NPM\)  
Northern  
Southern  
October 2019
Cover Crop Selection
Following Corn Grain or Silage in Southern Wisconsin

- Seeding rates are for drill establishment; broadcast rates should be increased 20-30%
- Cover crop seeding rates should be adjusted for the goal of the cover crop (for example: erosion reduction, nitrogen scavenging, soil building)
- Plant all species listed below with adequate fertility by Sept 15th for best fall cover and spring forage yields (~1.5-3 TDM/A)
- Spring cereal grains (oats, barley) planted after October 1st will achieve minimal growth before frost
- Winter cereal grains (rye, triticale) planted in mid-October or later will have minimal fall growth but with adequate snow cover, typically over-winter providing some spring cover
- If harvesting the cover crop as forage, review planting interval restrictions for previous herbicides used (at least two growing seasons)

**COVER CROP**

- Plant cover crop on or before
  - SEPT 15th
    - oats: 30-60 lb/A
    - spring barley: 50-75 lb/A
  - OCT 15th
    - winter rye: 40-60 lb/A
    - winter triticale: 40-60 lb/A

**FORAGE**

- Plant forage on or before
  - OCT 1st
    - winter rye: 90-110 lb/A
    - winter triticale: 90-110 lb/A