



## DAKOTA

MEDICAGO SATIVA

### Profile

DAKOTA was selected for yield and persistence with strong winter survival and designed to excel in the Great Plains of Western Canada and Northern US with fall dormancy 4. DAKOTA maintains excellent forage quality and has a strong balanced multiple pest resistance package to give a long stand life. It shows especially high resistance against Phytophthora root rot, even under flooding conditions.

National listing/Official recommendation:  
AR, CA, DE, RU

**Sowing rate:** 18-20 kg/ha

- dormancy group 4
- excellent winter survivability
- superior forage yield

### Agronomic properties

Beginning of flowering	<span>1</span> <span>2</span> <span>3</span> <span>4</span> <span>5</span> <span>6</span> <span>7</span> <span>8</span> <span>9</span>	early to inter
Early growth development	<span>1</span> <span>2</span> <span>3</span> <span>4</span> <span>5</span> <span>6</span> <span>7</span> <span>8</span> <span>9</span>	medium to strong
Stem height - full development	<span>1</span> <span>2</span> <span>3</span> <span>4</span> <span>5</span> <span>6</span> <span>7</span> <span>8</span> <span>9</span>	medium

## Tends to

Lodging	<span>1</span> <span>2</span> <span>3</span> <span>4</span> <span>5</span> <span>6</span> <span>7</span> <span>8</span> <span>9</span>	medium to strong
Winter damage	<span>1</span> <span>2</span> <span>3</span> <span>4</span> <span>5</span> <span>6</span> <span>7</span> <span>8</span> <span>9</span>	medium

## Yield characteristics

Dry matter yield total	<span>1</span> <span>2</span> <span>3</span> <span>4</span> <span>5</span> <span>6</span> <span>7</span> <span>8</span> <span>9</span>	medium to high
Dry matter yield - 1st cut	<span>1</span> <span>2</span> <span>3</span> <span>4</span> <span>5</span> <span>6</span> <span>7</span> <span>8</span> <span>9</span>	medium
Dry matter yield - further cuts	<span>1</span> <span>2</span> <span>3</span> <span>4</span> <span>5</span> <span>6</span> <span>7</span> <span>8</span> <span>9</span>	medium to high

Classification according to the descriptive variety list - Bundessortenamt (federal plant variety office, Germany) - conventional 2024 and our own results.

## Quality

Crude protein content	<span>1</span> <span>2</span> <span>3</span> <span>4</span> <span>5</span> <span>6</span> <span>7</span> <span>8</span> <span>9</span>	medium to high
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## Resistance to diseases

Bacteriosis	<span>+</span> <span>+</span> <span>○</span>
Fusarium	<span>+</span> <span>+</span> <span>○</span>
anthracnose	<span>+</span> <span>○</span> <span>○</span>
Phytophthora root rot	<span>+</span> <span>+</span> <span>+</span>
Verticillium wilt	<span>+</span> <span>+</span> <span>○</span>

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